

## **DEVICE WITH DETACHABLE BATTERY MOUNTING**

### **ABSTRACT**

5 A battery mounting (100) is provided for use in a device from which the battery  
mounting (100) is detachable. The device has a board (101) with an opening (112) in  
which the battery mounting (100) is placeable and at least one power contact (138, 140)  
disposed on the cross-section of the board within the opening (112). The battery  
mounting (100) has a housing (104) for one or more battery cells (102). The battery  
10 mounting (100) also has a clip (116) having a cammed surface (118) for cooperation with  
a portion of the board (101) and a lock (130) with a means for applying a force to the clip  
(116) for locking the battery mounting (100) in place in the opening (112). The battery  
mounting (100) also has at least one power contact (132, 134) for connecting the battery  
cells (102) to the at least one power contact (138, 140) on the board (101), wherein the  
15 lock (130) provides a load in the engaging direction of the contacts (132, 134. 138, 140).